Korossy, S.

The pathogenesis of urticarial pruritus. III. Quantitative evaluation of the effects of various drugs on morphine-induced pruritus. E. Rajka, S. Korossy, and Marianne Gózony (Stevens' Hosp., Budapest). *Dermatologica* 112, 81-107(1956)(in German)(English summary); cf. *C.A.* 50, 11786.—Of 78 drugs, of various types, tested (3098 tests) 44 were found, in the majority of cases, to prevent the occurrence of exptl., morphine-induced, pruritus. In no case was 100% inhibition obtained.   Henry B. Hastie

1650. GOTTSEGEN G. and KOROSSY S. III.Inn. Abt. , Dermatol. Abt. , Stadt. Istvän-
    Krankenh. , Budapest. *Zur nosologischen Stellung der Behçetschen Krank-
    heit. The nosology of Behçet's disease DERM. WSCHR. 1956.
    133/2 (33-36)

On the basis of a personal case, the differential diagnosis of Behçet's disease is
discussed. This chronic disease is accompanied by the following symptoms:
aphthae, iritis, genital ulcers, phlebitis, orchitis. However, of prominent impor-
tance is a severe, progressive involvement of the mesodermal layers of the eyes,
which in the course of years leads to irreversible changes and blindness. The
agent is shown to be a virus (not yet confirmed, abstr.). The endemic region of
the affection is the area round the eastern part of the Mediterranean. Behçet's
disease should be differentiated from benign ectodermoses which are accompanied
by similar skin phenomena, take either an acute or a subacute course and involve
exclusively the external epithelial layers of the eye (Stevens-Johnson's disease,
ectodermosis erosiva pluriorificialis Fiessinger-Rendu, Baader's dermatostoma-
titis, Lipschütz's ulcus vulvae acutum).   Rust - Berlin

KOROSSY, S.

366. KOROSSY S. Hautabt. des Stephanspitals, Budapest. *Ein Fall von Morbus Hailey-Hailey. A case of Hailey-Hailey's disease DERM. WSCHR. 1956, 133/3 (57-61) Illus. 5

Report of a case of familial benign chronic penphigus with bullous or hyperkeratotic skin phenomena in the folds and at both sides of the trunk, which improved under atabrine therapy. Attention is drawn to the difficulty of classifying the disease in the pemphigus-Duhring group or in Darier's disease.   Rust - Berlin

KOROSSY, Sandor

RAJKA, Odon, dr.; KOROSSY, Sandor, dr.; GOZONY, Marianna, dr.

Data on antigen (auto?) formation of the coccogenous complex and staphylogenous sensitization mechanism. Borgyogy. vener. szemle 33 no.1:7-19 Feb 57.

1. Koslemeny a budapesti Istvan-korhaz borosztalyarol (foorvos: Rajka, Odon, dr.).
        (MICROCOCCUS PYOGENES, immunol.
            coccogenous complex antigen form. & staphylogenous
            sensitization mechanism (Hun))
    (ALLERGY
        same)

KOROSSY, Sandor, dr.; OOZONY, Marianna

Experiences with the thrombocytopenia index of Storck
and Hoigne produced by Micrococcus pyogenes anatoxin in
coccogenous eczema. Orv. hetil. 98 no.28:761-763 14 July
57.

1. A Budapesti Istvan'korhas borosstalyanak (foorvos:
Rajka, Odon, dr.) koslemenye.
        (ECZEMA, immunol.
            thrombopenia index determ. in coccogenous eczema
            using Micrococcus pyogenes anatoxin as allergen (Hun))
        (MICROCOCCUS PYOGENES
            anatoxin as allergen in determ. of thrombopenia index
            in coccogenous eczema (Hun))

1392. EXPERIENCES WITH A THROMBOCYTOPENIA TEST IN INFECTIOUS
ECZEMATOID DERMATITIS AFTER INJECTION OF STAPHYLOCOCCUS
ANATOXIN - Erfahrungen mit durch Staphylokokkus-Anatoxin ausgelöstem
Thrombozytopenie-Test bei kokkogenen Ekzemen - Korossy S. and
Gózony M. Hautabt., Stephansspit, Budapest - ACTA ALLERG. (Kbh.)
1958, 12/1 (68-74) Tables 3

In 140 patients thrombocytopenia tests were made after injection of staphylococcus
anatoxin. The test is said to be positive if the decrease of the number of thrombo-
cytes is over 20% after one hour. Fifty-six of 72 infectious eczematoid dermatitis
cases, i.e. 77.7%, yielded positive results. Only 7 out of 68 patients tested for
control, i.e. 10.3%, could be said to be positive. The thrombocytopenia test was
usually (in 25 out of 26 cases) positive within one hour after the injection of the
antigen; therefore it is recommendable to perform the thrombocyte count after one
hour. Changes in the pulse rate, the number of leucocytes and the qualitative blood
picture showed no relation to the change in the thrombocyte count.

KOROSSY, Sandor, Dr.; GOZONY, Marianna

Examinations with staphylococcal anatoxin in patients with coccogenic eczema. Borgyogy. vener. szemle 12 no.4-5:179-184 Aug-Oct 58.

1. Kozlemeny a Budapesti Istvan-korhaz borosztalyarol (Foorvos: Rajka Odon dr.)
        (ECZEMA, etiol. & pathogen.
            Micrococcus pyogenes infect., thrombocyte count after admin. of micrococcal anatoxin (Hun))
        (MICROCOCCAL INFECTIONS, immunol.
            thrombocyte count in eczema caused by Micrococcus pyogenes infect. after admin. of micrococcal anatoxin (Hun))
        (BLOOD PLATELETS
            same)

KOROSSY, Sandor; GOZONY, Marianna

     Experiences with oral BCG therapy in chronic erythema and cutaneous
tuberculosis. Byorgyogy. vener. szemle 12 no.6:239-241 Dec 58.

     1. Kozlemeny a budapesti Istvan-korhaz borosztalyarol (Foorvos: Dr.
Rajka Odon).
          (TUBERCULOSIS, CUTANEOUS, ther.
             BCG, oral admin. with isoniazid (Hun))
          (ERYTHEMA, ther.
             BCG, oral admin. with isoniazid in chronic erythema (Hun))
          (ISONIAZID, ther. use
             chronic erythema & cutaneous tuberc., with oral BCG (Hun))
          (BCG VACCINATION
             oral BCG ther. with isoniazid in chronic erythema & cutaneois
             tuberc. (Hun))

KOROSSY, Sandor; GOZONY, Marianna

Experiences in studies on antibiotic sensitivity in microbial skin processes in the years 1953-1959

1. Kozlemeny a budapesti Istvan-korhaz borosztalyarol. (foorvos: Dr. Rajka Odon)
        (ANTIBIOTICS, ther.)
        (SKIN DISEASES, ther.)

KOROSSY, S.; BOSZORMENYI, J.; GOZONY, M.; FEHER, E.

Studies on psoriasis patients for the clarification of the role of
tonsillar focus and 8-hemolytic Streptococcus. Borgyogy. vener.
szemle 13 no.2:75-85 Apr 59.

1. Kozlemeny a budapesti Istvan-morhas borosztalyarol (Foorvos:
Dr. Rajka Odon es a Human Oltoanyagtermelo es Kutato Intezetbol
(Igazgato: Dr. Veres Gabor).
    (PSORIASIS, etiol. & pathogen.
        etiol. role of beta hemolytic streptococci & tonsillar
        foci (Hun))
    (TONSILS, microbiol.
        etiol. role of beta hemolytic streptococci & tonsillar
        foci in psoriasis (Hun))

3257. STAPHYLOCOCCI ANATOXIN TREATMENT OF PATIENTS WITH ECZE-
MA CAUSED BY COCCI - Adatok coccogen ekzemás betegek staphyloccus-
anatoxin kezelésehez - K o r o s s y S . , Dóbiás Gy., Backhausz R. and
Gózony M., István Kórház Bőrosztályának és Humán Oltóanyagtermelő
és Kutató Int.Közl., Budapest - ORV.HETIL. 1959, 100/4 (134-139) Graphs 4
Tables 6

Twenty-three patients with coccogenic eczema were treated with 2 staphylococci
anatoxins of different activity; 18 of them were followed up for 2-3 yr. Eleven
patients were completely cured. In 2 cases the result was doubtful and 5 cases were
refractory. The importance of anatoxin treatment in the cases which responded
favourably is considered to consis. of the possibility of reducing the number of re-
currences. In accordance with the reports published in the literature the ana-
toxins raised the σ-antitoxin titre of the serum, in correspondence with their
antigen values. The antitoxin level was parallel neither to the intensity of the treat-
ment nor to the results of both the skin tests carried out with anatoxin and the
thrombocytopenic test. This leads to the conclusion that the σ-toxin is not the
adequate antigen of eczema caused by cocci. The staphylococci anatoxins contain
at least 3 antigens apart from the σ-anatoxin which may be considered responsible
for the skin tests or the positive results of the thrombocytopenic test. In the γ-
globulin solutions obtained from the mixed plasma of healthy individuals by means
of gel diffusion analysis one antibody was found; in solutions obtained from the
serum of patients with eczema due to cocci 0-4 antibodies were demonstrable, if
staphylococci anatoxin was used as antigen. A strict parallelism was found between
the cultivation of the staphylococci from the primary lesion of the skin and the
clinical course of the disease.

KOROSSY, S.; LANYI, B.; GOZONY, M.

Clarification of the problem of the role of intestinal bacteria
in eozema of bacterial origin. Borgyogy.vener.asemle 36 no.4:
168-175 Jl '60.

1. Kozlemeny a budapesti Istvan korhaz Borosztalyarol (Foorvos:
Dr. Rajka Odon) es az Orszagos Kozegeszsegugyi Intezet Bakteriolo-
giai Osztalyarol(Osztalyvezeto: Dr.Haban Gyorgy).
          (INTESTINES microbiol)
          (ECZEMA etiol)

KOROSSY, Sandor, dr.

Current status of the treatment of bacterial eczema. Borgyogy. vener.
szemle 37 no.4:164-168 Jl '61.

1. Fovarosi Istvan-korhaz Borosztalyanak kozlemenye (Foorvos: Rajka
Odon dr.)

(ECZEMA ther)

KOROSSY, S.; TOROK, H.; FEHER, E.; GOZONY, M.

Comparative investigations with different oxyquinolines in microbial cutaneous processes. Borgyogy. vener. szemle 37 no.6:271-273 D '61.

1. A Fov. Istvan-korhaz (Igazgato: Dr. Katona Istvan) Borosztalyanak (Foorvos: Dr. Rajka Odon) kozlemenye.

(DERMATOLOGY ther)   (QUINOLINES ther)

KOROSSY, S.; VINCZE, E.; GOZONY, M.

Allergic dermatoses in Chlorocid therapy. Borgyogy. vener. szemle 38
no.3:112-117 Jl '62.

1. A Fovarosi Istvan korhaz Borosztalya (Foorvos: Rajka Odon dr.) es
Orszagos Munkaegeszsegugyi Intezet Igazgato: Timar Miklos dr.) kozlemenye.
            (DERMATITIS VENENATA etiol)   (VITAMIN C toxicol)
                (DERMATITIS MEDICAMENTOSA etiol)

KOROSSY, S. dr.; GOZONY, M., dr.; BACKHAUSZ, R., dr.; DOBIAS, Gy., dr.

Allergological and immunological examination with staphylococcal anatoxin of eczema patients. Borgyogy. vener. szemle 38 no.4: 154-167 Ag '62.

1. A Fov. Istvan korhaz Borosztalya (Foorvos: Rajka Odon dr.), Human Oltoanyagtermelo es Kutato Intezet (Igazgato: Veres Gabor dr.) es Budapest IV. ker. Varosi korhaz (Igazgato: Darvas Gyorgy dr) kozlemenye.

(STAPHYLOCOCCUS)   (TOXINS AND ANTITOXINS)
           (ECZEMA immunol.)

RAJKA, Odon; KOROSSY, Sandor, az orvostudomanyok kandidatusa; Gozony, Marianna

Therapeutic experiments with drugs influencing the itching of the skin. Biol orv kosl MTA 13 no.::227-240 '62.

1. Budapesti Istvan-korhaz Borosztalya. 2. Magyar Tudomanyos Akademia leveleso tagja, es "A Magyar Tudomanyos Akademia Biologiai es Orvosi Tudomanyok Osztalyanak Kozlemenyoi" szerkeszto bizottsagi tagja (for Rajka).

RAJKA, Odon; KOROSSY, Sandor; GOZONY, Marianne

On pathophysiological problems of the skin. Pruritus. Pol. tyg.
lek. 18 no.19/20:706-709 6-13 My '63.

1. Z Oddzialu Dermatologicznego Szpitala im. Istvana w
Budapeszcie.
            (PRURITUS) (MORPHINE) (PHARMACOLOGY)
            (ANTIHISTAMINICS) (UREA) (PEPTIDE HYDROLASES)

KOROSSY, Sandor, dr.

Treatment of erysipelas. Orv. hetil. 105 no.31:1464-1467
2 Ag '64.

1. Fovarosi Istvan Korhaz, Borosztaly.

c) iron and metal industry, d) hairdresser, e) health worker. With respect
to the allergens, the most frequent sensitization was by chromium, tur-
pentine and formaldehyde. Of the 72 patients, 46 changed occupations; of
these, 29 recovered and 17 did not. The other 26 patients did not change

HUNGARY

KOROSSY, Sandor, Dr, VINCZE, Erzsebet, Dr, GOZONY, Marianna, Dr; Capital
City Istvan Hospital, Dermatology (chief physician: RAJKA, Odon, Dr) (Fo-
varosi Istvan Korhaz, Borosztaly), and National Institute of Labor Hygiene
(director: TIMAR, Miklos, Dr) (Orszagos Munkaegeszsegugyi Intezet).

"Practical Experiences Gained in the Course of the Examination and Treatment
of 130 Patients with Chlorocid Allergy."

Budapest, Orvosi Hetilap, Vol 107, No 38, 18 Sep 66, pages 1790-1792.

Abstract: [Authors' Hungarian summary] Between 1958-64, 130 patients with
Chlorocid allergy (C.a.) were examined by the authors. The allergic symptom
can be precipitated by any form of application of the drug and it can not
be inhibited even by the addition of hydrocortisone. The clinical picture
is extremely manifold and it is not, by itself, characteristic either of
the etiology or of the pathogenesis. Of the methods used for testing for the
presence of C.a.. the test using a 1.5 per cent salve was positive in 82 per
cent of the cases, using an 0.5 mg per cent aqueous solution for i.c. test
was positive in the form of a late-type reaction in 88 per cent of the cases
and the oral provocation with 62.5 mg was positive in every case. According
to the results of catamnestic studies, 1-6 years later on 39 patients, the
skin application test was positive in 34 and negative in 5 cases. The late
type i.c. skin reaction was positive in 31 and negative in 8 cases and,
of the 13 cases which were positive before, only one became negative. The
treatment of C.a. is identical with the procedures used both internally and
locally in the treatment of allergic diseases. 3 Hungarian, 21 Western refer-
ences.

KOROSSY, Tibor

Experiments with power transmission line poles of inward
staying. Elektrotechnika 55 no.5:208-213 My '62.

1. Villamos Halozati Fejleszto es Tervezo Vallalat.

KOROSTASH, Anatoliy Ivanovich; ALEKSANDROVA, V.I., otv. red.; TEPLYAKOVA,
A.S., red.

[Experience of innovators is an inexaustible source for the growth
of labor productivity] Dosvid novatoriv-nevycherpne dzherelo pid-
vyshchennia produktyvnosti pratsi. Kyiv, 1961. 42 p. (Tovarystvo
dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR.
Ser.3, no.6)   (MIRA 14:8)
    (Ukraine—Efficiency, Industrial)   (Technological innovations)

KREMNEV, O.A.; BOROVSKIY, V.R.; KOROSTASH, M.D.

Ways to accelerate the cocoon drying process. Tekst.prom.
19 no.10:25-29 O '59.   (MIRA 13:1)
                 (Silk manufacture)

KREMNEV, O.A., doktor tekhn.nauk; BOROVSKIY, V.R., starshiy nauchnyy sotrudnik; KOROSTASH, M.D., inzh.

High temperature drying of single synthetic fibers. Tekst. prom. 21 no.12:57-61 D '61.

(MIRA 15:2)

1. Zaveduyushchiy otdelom teploobmena Instituta teploenergetiki AN USSR (for Kremnev). 2. Institut teploenergetiki AN USSR (for Borovskiy). 3. Otdel teploobmena Instituta teploenergotiki AN USSR (for Korostash).

(Textile fibers, Synthetic—Drying)

KREMNEV, O.A.; BOROVSKIY, V.R.; KOROSTASH, M.D.; MAZAYEVA, Ye.I.

Rapid drying of artificial silk in cakes. Khim.volok no.4:37-
41 '62.   (MIRA 15:8)

1. Institut teploenergetiki AN USSR (for Kremnev, Borovskiy,
Korostash). 2. Kiyevskiy kombinat iskusstvennogo volokna (for
Mazayeva).
                         (Rayon—Drying)

KOROSTASHEVSKIY, M.

MEL'KIN, P., inzh.; YEREMEYECHEV, A., inzh.; KOROSTASHEVSKIY, M.; GUSEV, Ye., inzh.-mekhanik.

News of foreign technology. Za rul. 14 no.3:22 Je '56. (MIRA 11:2)

1. Leningradskiy avtomotoklub (for Gusev).
            (Automobiles)   (Motorcycles)

KOROSTASHEVSKIY, M.

    Television helps regulate traffic. Za rul. 14 no.5:17 Ag '56.

                                                      (MLRA 10:1)

        (United States--Traffic engineering)

KOROSTASHEVSKIY, M.; FINGARET, D.

Fuel economy competitions for automobiles in the U.S.A. and
Britain. Avt.transp.34 no.2:31 F '56.   (MIRA 9:7)
(United States--Automobiles--Fuel consumption)

KOROSTASHEVSKIY, M.

Automatic control of motorbuses. Avt. transp. 37 no.2:59-60 F '59.
(MIRA 13:1)
(Motorbuses) (Remote control)

SOROCHAN, Yu.P.; KOROSTASHEVSKIY, M.S.

Combined automotive-water transportation in dismountable van
bodies (in foreign countries). Biul.tekh.-ekon.inform.   no.8:
93-96 '59.   (MIRA 13:1)
            (Transportation)

SOROCHAN, Yu.P., inzh.; KOROSTASHEVSKIY, M.S., inzh.

Haulage in semitrailers without reloading in case other means of
transportation are used. Mekh.i avtom.proizv. 14 no.3:54-55 Mr
'60.   (MIRA 13:6)
                    (Transportion)

GONCHAROV, K.F.; DOBROBORSKIY, S.A.; SIDOROV, P.N.;
KOROSTASHEVSKIY, R.V.; KABANETS, Ya.P.; GROMYKO, Ye.M.;
KARASIK, P.I.; GAZAROV, L.A.; YAKHIN, B.A.; GORIN,
N.V., red.; POLYANSKAYA, Z.P., tekhn. red.

[Ball and roller bearings; catalog and handbook] Shariko-
vye i rolikovye podshipniki; katalog-spravochnik. Izd.2.,
ispr. i dop. Moskva, 1963. 379 p.   (MIRA 17:3)

1. Moscow. TSentral'nyy institut nauchno-tekhnicheskoy in-
formatsii po avtomatizatsii i mashinostroyeniyu. 2. Nauchnyye
sotrudniki Vsesoyuznogo nauchno-issledovatel'skogo konstruk-
torsko-tekhnologicheskogo instituta podshipnikovoy promysh-
lennosti (for all except Gorin, Polyanskaya).

AM4016112   BOOK EXPLOITATION   S/

Korostashevskiy, Rafail Vladimirovich; Zaytsev, Aleksey Matveyevich

Aircraft antifriction bearings (aviatsionny*ye podshipniki kacheniya), Moscow,
    Oborongiz, 1963, 339 p., illus., biblio., 4,800 copies printed.

TOPIC TAGS: antifriction bearing, jet engine, piston engine, lubrication, cooling,
lubricant TsIATIM-221, lubricant VNIINP-222, bronze alloy BrAZhMts10-3-1.5,
kerosene T-1, kerosene TS-1, kerosene T-2, nickel alloy EI 974, bronze alloy
BrAZhN10-4-4

PURPOSE AND COVERAGE: This book gives the experience in the design and use of
antifriction bearings used in aircraft. The design and basic characteristics of
bearings, ways of lubricating and cooling them, and the various factors affecting
the operation of bearings are considered. The design of certain assemblies with
bearings is treated. Methods of calculating bearings are given; the recommended
methods of studying their typical defects and break downs and evaluating their con-
dition during repairs are described. The book gives the required handbook informa-
tion and various instructional materials on bearings. The book is intended for
engineers-designers; it also will be of value to engineers and mechanics who ser-
vice and repair machines.
Card 1/1

L 36292-66   EWT(m)/T   WW/DJ

ACC NR: AR6004033   SOURCE CODE: UR/0277/65/000/009/0042/0042

AUTHOR: Korostashevkiy, R. V.

TITLE: A method for calculating radial gaps in radial ball bearings with four- and three-point contact

SOURCE: Ref. zh. Mashinostroitel'nyye materialy, konstruktsii i raschet detaley mashin. Gidroprivod, Abs. 9.48.356

REF SOURCE: Tr. Vses. n.-i. konstrukt.-tekhnol. in-ta podshipnik. prom-sti, v. 3(39), 1964, 75-83

TOPIC TAGS: ball bearing, bearing race , GEARING STABILITY

ABSTRACT: Small radial gaps in ball bearings with 4- and 3-point contact, working at high rotary velocities under primarily axial loads, may cause a 3-point contact of balls in the bearing. This leads to damaging of the races and rings. For this reason, the gaps in such bearings should be made sufficiently large to avoid this occurrence. A method for calculating the minimum necessary radial gaps in the bearings with a 4- and 3-point contact is recommended. /Translation of abstract/

SUB CODE: 13

Card 1/1   UDC: 621.822.7.001.24

NOSENKO, S.; KOROSTASHEVSKIY, V. (stantsiya Alchevskoye, Luganskoy oblasti)

What should be done with information? Izobr.i rats. no.12:16 D
'59.   (MIRA 13:8)

1. Nachal'nik listoprokatnogo tsekha No.3 Alchevskogo metallur-
gicheskogo zavoda (for Nosenko). 2. Nachal'nik stana listopro-
katnogo tsekha No.3 Alchevskogo metallurgicheskogo zavoda (for
Korostashevskiy).

                (Information services)

NOSENKO, S.M., inzh.; RUMYANTSEV, B.P., kand.tekhn.nauk; KOROSTASHEVSKIY, V.P., inzh.

Automatic load-lifting devices for sheet materials. Mekh.i avtom. proizv. 14 no.3:37-38 Mr '60.   (MIRA 13:6)
(Loading and unloading--Technological innovations)

NOSENKO, S.M.; KOROSTASHEVSKIY, V.P.; MAGALA, A.A.

Coiling device. Biul. TSIICHM no.2:46-47 '61.   (MIRA 14:9)
(Rolling mills--Equipment and supplies)
(Materials handling)

MURATOVA, L.; KOROSTELEV, A.; KRASOVSKIY, K.

Standard purifying unit. Avt.transp. 43 no.11:27-28 N '65.
(MIRA 18:12)

DULEVICH, Vladimir Yevgen'yevich; KOROSTELEV, A.A.; MEL'NIK, Yu.A.;
        BURENIN, N.I.; PETROV, A.V.; VERETYAGIN, A.A.; BANDURKO,
        N.G.; IVANUSHKO, N.D., red.

[Theoretical principles of radar] Teoreticheskie osnovy ra-
diolokatsii. [By] V.E.Dulevich i dr. Moskva, "Sovetskoe
radio," 1964. 731 p.   (MIRA 17:8)

KOROSTELEV, Arkadiy Alekseyevich; PODGUZOV, M.I., red.; KRASAVINA, A.M., tekhn. red.

[Automatic measurement of coordinates] Avtomaticheskoe izmerenie koordinat. Moskva, Voen. izd-vo M-va oborony SSSR, 1961. 100 p.   (MIRA 14:10)
          (Radar)

L 51052-65   EEC-2/EWT(1)/EEC(t)/EED-2   Pm-4/Pn-4/Pac-4/Pi-4/Pj-4/Pk-4/
P1-4   WR   S/   60
ACCESSION NR AM5001448   BOOK EXPLOITATION   B+1

Dulevich, Vladimir YEvgen'yevich; Korostelev, A. A.; Mel'nik, YU. A.; Burenin,
N. I.; Petrov, A. Y.; Veretyagin, A. A.; Bandura, N. G.

Theoretical principles of radar (Teoreticheskiye osnovy radiolokatsii), Moscow,
Izd-vo "Sovetskoye radio", 1964, 731 p. illus., biblio., index. Errata slip
inserted. 12,600 copies printed.

TOPIC TAGS: radar

PURPOSE AND COVERAGE: This book is intended for students in the radio engineering
faculties of higher technical educational institutions and can serve as an aid
to engineers and graduate students specializing in radar. The book examines
the principles of radar, methods of coordinate measurement and scanning and
circuits for radar stations of three types: with an operator, a continuous
computer installation and a digital computer. It presents the characteristics
of radar signals with a consideration of the statistical regularities that occur
in the reflection of radio waves, their propagation, and the presence of noise
on the signal. The book describes methods of building optimal and near optimal
receivers considering statistical, spatial and frequency time characteristics
of the signal and interference. The book estimates the maximum capacities

Card 1/3

L 51052-65

ACCESSION NR AM5001448

of radar in detecting and measuring target coordinates. It gives a statistical evaluation of target position or trajectory on the basis of radar measurement data. In conclusion, the book describes methods of combating various types of interference and the operating principles of passive radar systems. All of the factual and numerical material is taken from the open domestic and foreign press.

TABLE OF CONTENTS (abridged):

Card   2/3

L 51052-65

ACCESSION NR AM5001448

Ch. IX. Determining target bodies from the results of coordinate
measurement — 502
Ch. X. Determining target trajectory using radar — 534
Ch. XI. Active interference and methods of combating it — 574
Ch. XII. Methods of protecting radar stations from passive interference — 606
Ch. XIII. Passive radar — 676
Bibliography — 706
Index — 717

SUBMITTED: 25May64   SUB CODE: DC

NO REF SOV: 250   OTHER: 041

Card 3/3

AUTHOR: Korostelev, A. I.

TITLE: Ways for Improving Utilization of Capacity of TEZ Diesel Locomotives

ABSTRACT: The TEZ locomotive capacity decreases with an increase in its speed.
Various ways exist for better capacity utilization: rational schemes and a
control system, a greater number of traction-motor field-weakening steps, and
changing the gear transmission ratio. The latter is the best method which
raises the locomotive power at high speeds. With a lower rolling-stock weight,
a lower transmission ratio would raise the power at 80 km/hr from 74.5 to
85.4% of the maximum power. It is recommended that the diesel locomotives
be constructed with 3 transmission ratios: 4.41 for mountain lines, 3.6 for
flatland lines, and 2.54 for passenger trains.

V.N.Kh.

Card 1/1

KOROSTELEV, A.I., inzh.; SAVINSKIY, V.I., inzh.

Needed book with serious shortcomings ("Heavy trains" by V.V.
Deev. Reviewed by A.I.Korostelev, V.I.Savinskii). Zhel.dor.
transp. 42 no.2:94-96 F '60.   (MIRA 13:5)
        (Railroads--Trains)   (Deev, V.V.)

LITKENS, S.; SHIBANOV, A.; KOROSTELEV, B.; LYUBIMOVA, Vera;
    DMITRIYEVA, Lena; OZEROV, Misha; BARANOVA, A.

    It happens that... IUn.nat. no.1:30-32 Ja '63.   (MIRA 16:1)
                        (Nature study)

KOROSTELEV, B.V.

Inversii krivykh vtorogo poriadka kak kontury aerodinamicheskikh profilei. Moskva, 1934. 66p., diagrs. (TSAGI. Trudy, no.181)

Summary in German.

Title tr.: Inversions of second order curves as aerodynamic airfoil contours.

QA911.M65 no.181

SO: Aeronautical Scie.ices and Aviation in the Soviet Union, Library of Congress, 1955

KOROSTELEV, G. M.

USSR/Miscellaneous - Malthusian doctrine

Card   1/1   :   Pub. 86 - 6/36

Authors   :   Korostelev, G. M., and Rutkevich, M. N.

Title   :   Against the Malthusian slander on nature

Periodical   :   Priroda 43/8, 47-54, Aug 1954

Abstract   :   Statistics and other factors, are used to prove that the Malthusian
                 theory is false. Table.

Institution :   ...

Submitted   :   ...

06499

SOV/141-58-4-15/26

AUTHOR: Korostelev, G.N.

TITLE: On the Problem of the Start Currents in the Type-E
              Tubes (K voprosu o puskovykh tokakh v lampakh tipa „E„)

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy, Radiofizika,
            1958, Nr 4, pp 120-125 (USSR)

ABSTRACT: For the purpose of analysis it is assumed that the tube
            operates at comparatively low signals and that the
            attenuation and the space charge effect are negligible.
            The change in the propagation constant of the system
            is $\Delta\Gamma = \Gamma - \Gamma_0$, where Γ denotes the propagation
            constant of the wave in a system with an electron beam,
            while Γ_0 is the propagation constant in a passive system.
            The phase change produced by the electron beam in one
            cell of the system can be expressed by:

$$d\varphi = i\frac{\int_V jE_z^x dV}{4P} \qquad (1)$$

Card 1/5

06499

On the Problem of the Start Currents in the Type-E Tubes

where V is the volume occupied by the electron beam in the cell, E_z is the longitudinal component of the high-frequency electric field, j is the alternating component of the current density in the direction z and P is the energy flux passing through the cell. If j and E_z are constant in the interaction region, the change in the phase is given by Eq (2), where I is the alternating component of the total current. The power P can be expressed by Eq (3), where Rc is the coupling resistance. The change in the propagation constant is therefore given by Eq (4) or by Eq (5), where R_0 is the resistance of a non-perturbed electron beam, I_0 is the dc component of the total current and V_0 is the potential corresponding to the electron velocity. If the system is periodic but linear and the electron trajectories are recti-linear, the field components can be expressed by Eq (6). The change in the alternating components of the current density is expressed by Eq (8), where $\Gamma_e = \omega/v_0$; the quantity Γ_e is referred to as the constant of the phase motion.

Card 2/5

06499
SOV/141-58-4-15/26

On the Problem of the Start Currents in the Type-E Tubes

On the other hand, this change can be described by Eq (10). From Eq (8) and (10) it follows that Γ and Γ_e are related by Eq (11) or finally by Eq (12), where v_z denotes the full velocity of the electrons in the direction of the axis z. Since v_z is expressed by Eq (15), the final form of Eq (12) is that of Eq (18). If the roots of Eq (18) are denoted as Γ_1 and Γ_2, the high-frequency field can be expressed by Eq (20), where the constants A_1 and A_2 are given by Eq (21). From the above it follows that the gain of the system can be expressed by Eq (22), where l' denotes the length of the system. Eq (22) shows that the condition of self-excitation is given by Eq (23), where $n = 0, 1, 2, \ldots$ If the currents of Eq (18) satisfy the oscillation condition given by Eq (23), they can be regarded as representing the starting currents for the tube. The currents are expressed by:

$$I_{on} = \Re^2 (2n + 1)^2 \frac{V_0}{\Gamma_o^2 R_c l'^2} \qquad (24)$$

Card 3/5

06499

SOV/141-58-4-15/26

On the Problem of the Start Currents in the Type-E Tubes

where V_0 is the potential corresponding to the condition of a synchronism between the velocities of the wave in the system of the electron beam. If the system is in the form shown in Fig 1, the potential V_0 can be expressed by Eq (25). The final formula for the starting currents is, therefore, given by Eq (26). The above analytical formulae were employed to evaluate the starting currents for a system having the following parameters: the height of the stubs h = 17 mm, number of stubs N = 10, L = 7.5 mm, d = 1.5 mm, 1 = 2.5 mm, p = 4.5 mm and 1' = 70 mm. The system was described by Leblond (Ref 6) and is illustrated diagrammatically in Fig 2. The coupling resistance of the system is given by Eq (27) or approximately by Eq (28). The scattering curve of the system is shown in Fig 3 and its coupling resistance as a function of λ is represented by Curve 6 in Fig 4. The same figure also shows the starting current as a function of λ. The paper contains 4 figures and 9 references, 3 of which are English.

Card 4/5

S/142/60/00?/005/003/015
E192/E382

AUTHOR: Korostelev, G.N.

TITLE: Influence of the "Sag" of the Electrode Potential on the Fluctuation of the Electron Beam in Centrifugal Electrostatic Focusing

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy, Radiotekhnika, 1960, Vol. 5, No. 5, pp. 445 - 452

TEXT: The system of centrifugal electrostatic focusing is of importance in a number of ultrahigh-frequency devices such as spyratrons, helitrons or antiklystrons. One of the important problems in these devices is the fluctuation of the electron current and this has been investigated by Z.S. Chernov (Ref. 1 - Sb.Tr. IRE AN SSSR, 1956, No. 1, p. 7) and L.E. Bakhrakh (Ref. 6 - Radiotekhnika i elektronika, 1959, Vol. 4, No. 12, p. 2097) without taking into account the "sag" of the electrostatic potential in the slots of the periodic structure. In the following an attempt is made to derive an expression for the potential distribution in a cylindrical

Card 1/11

S/142/60/003/005/003/015
E192/E382

Influence of the "Sag" ....

condenser which takes into account the surface irregularities of the internal or external cylinders and to evaluate the resulting fluctuations of the electron beam. The expression for the electrostatic potential distribution in the space $r_1 \leq r \leq r_2$ can be found from the Laplace equation:

$$\frac{1}{r}\frac{\partial}{\partial r} r \frac{\partial V}{\partial r} + \frac{1}{r^2}\frac{\partial^2 V}{\partial \varphi^2} = 0 \qquad (1) \ .$$

The systems considered are illustrated in Figs. 1a and 1b. The boundary conditions for the condenser of Fig. 1a are as follows: $V_{r=r_1} = V_2$ for $r = r_2$; on the other hand, for

$r = r_1$ the potential can be approximated by :

Card 2/11

Influence of the "Sag" ....

$$V_{r=r_1}(\varphi) = V_1 - kV_{\phi} \ (1 - \cos N\varphi) \ .$$

In the above expression V_1 represents the potential of the segmented structure, V_2 is the potential of the external cylinder, $V_{\phi} = V_1 - V_2$, $N = 2\pi/\alpha$, α is the angular distance between the centres of two neighbouring segments and k is the coefficient characterising the degree of "sag" of the electrostatic potential between the segments. The solution of Eq. (1) shows that the static potential in the cylindrical condenser containing the slots in the internal cylinder is in the form:

$$V(r, \varphi) = V_1 - \frac{V_{\phi} \ln r/r_1}{\ln r_2/r_1} - kV_{\phi} \frac{\ln r_2/r}{\ln r_2/r_1} +$$
$$+ kV_{\phi} \frac{(r/r_2)^N - (r_2/r)^N}{(r_1/r_2)^N - (r_2/r_1)^N} \cos N\varphi. \qquad (2) \ .$$

Card 3/11

Influence of the "Sag" ....

24376
S/142/60/003/005/003/015
E192/E382

The last two terms in Eq. (2) characterise the "sag" of the potential in the vicinity of the slots and these terms rapidly decrease with increasing r . It is also shown that in the case when the external cylinder of the condenser is slotted (Fig. 1E), the potential distribution is described by:

$$V_{r=r_1} = V_1; \quad V_{r=r_2} =$$
$$= V_2 + kV_\phi(1 - \cos N\varphi).$$
$$V(r, \varphi) = V_1 - \frac{V_\phi \ln r/r_1}{\ln r_2/r_1} +$$
$$+ kV_\phi \frac{\ln r/r_1}{\ln r_2/r_1} +$$
$$+ kV_\phi \frac{(r/r_1)^N - (r_1/r)^N}{(r_2/r_1)^N - (r_2/r_1)^N} \cdot \cos N\varphi. \qquad (3)$$

Card 4/11

24376

Influence of the "Sag" ....

It is seen that the second and the fourth terms of these equations decrease rapidly with decreasing r . For the purpose of determining the fluctuations of the electron beam due to the potential "sag", it is assumed that the beam thickness is finite and that the electrons of the outer boundary of the beam move along an equilibrium circular trajectory having a radius $r = r_b$. It is shown that fluctuations electron at the inner boundary can be described in the following form:

$$\frac{d^2r}{d\varphi^2} = \frac{r_a^4}{r^3} - \frac{r_a^2 \ln r_2/r_1}{(1+2\ln r_b/r_a)} \left[\frac{1-k}{r\ln r_2/r_1} - \frac{kN}{r_2} \cdot \frac{(r/r_2)^{N-1} + (r_2/r)^{N+1}}{(r_1/r_2)^N - (r_2/r_1)^N} \cos N\varphi \right]. \qquad (7).$$

In the case of small fluctuations such that $r = r_a(1 + \Delta_i)$. where Δ_i is less than unity and $r_a\Delta_i$ is less than $r_a\alpha$, Eq. (7) can be linearised and approximately written as:

Card 5/11

24376

S/142/60/003/005/003/015
E192/E382

Influence of the "Sag" ....

$$\frac{d^2\Delta_l}{d\varphi^2} + (a_i - b_i \cos N\varphi)\Delta_i = d_i \cos N\varphi + c_i, \qquad (8)$$

where

$$a_i = 3 - \frac{1-k}{1+2\ln r_b/r_a}; \qquad c_i = 1 - \frac{1-k}{1+2\ln r_b/r_a};$$

$$b_i = \frac{r_a}{r_2} \frac{kN\ln r_2/r_1}{(1+2\ln r_b/r_a)} \left[N \frac{(r_a/r_2)^{N-1} - (r_2/r_a)^{N+1}}{(r_1/r_2)^N - (r_2/r_1)^N} - \right.$$

$$\left. - \frac{(r_a/r_2)^{N-1} + (r_2/r_a)^{N+1}}{(r_1/r_2)^N - (r_2/r_1)^N} \right]; \qquad (8a)$$

$$d_i = r_a/r_2 \frac{kN\ln r_a/r_1}{(1+2\ln r_b/r_a)} \frac{(r_a/r_a)^{N-1} + (r_a/r_a)^{N+1}}{(r_1/r_a)^N - (r_a/r_1)^N}.$$

Similarly, on the basis of Eq. (3), it is possible to obtain
a differential equation for the fluctuation of the external
boundary of the beam when the latter moves in the vicinity of
the external slotted cylinder. In this case, the solution is
in the form:

Card 6/11

Influence of the "Sag" ....

S/142/60/003/005/003/015
E192/E382

$$\frac{d^2\Delta_e}{d\varphi^2} +$$

(9)

where

$$+ (a_2 - b_2 \cos N\varphi)\Delta_e = d_2 \cos N\varphi + c_2,$$

(9)

где

$$a_2 = 3 - \frac{1-k}{1-2\ln r_b/r_a}, \quad c_2 = 1 - \frac{1-k}{1-2\ln r_b/r_a};$$

(9a)

$$b_2 = \frac{r_b k N \ln r_a/r_1}{r_1(1+2\ln r_b/r_a)}\left[N\frac{(r_b/r_1)^{N-1}-(r_1/r_b)^{N+1}}{(r_1/r_2)^N-(r_2/r_1)^N} - \frac{(r_b/r_1)^{N-1}+(r_1/r_b)^{N+1}}{(r_1/r_2)^N-(r_2/r_1)^N} \right];$$

(9b)

$$d_2 = \frac{r_b}{r_1}\frac{kN \ln r_a/r_1}{(1-2\ln r_b/r_a)}\frac{(r_b/r_1)^{N-1}+(r_1/r_b)^{N+1}}{(r_1/r_2)^N-(r_2/r_1)^N}.$$

(9c) .

Eqs. (8) and (9) were solved by means of a computer and the
results   illustrating the dependence of the maximum
fluctuation of the internal boundary of the beam on the

Card 7/11

Influence of the "Sag" ....

S/142/60/003/005/003/015
E192/E382

ratio r_b/r_a for various values of k are given in Fig. 4; oscillograms of the fluctuations of the internal boundary of the electron beam for a - k = 0.1 and b - k = 0.4 (with r_b/r_a = 1:1) are given in Fig. 6. Similar graphs were determined for the fluctuation of the external boundary for the system with the slotted external cylinder. From the above data, it is concluded that the fluctuation amplitude $\left|\Delta_i\right|_{max}$ increases monotonically with increasing coefficient k, which characterises the "sag" of the potential in the slots of the internal cylinder. On the other hand, fluctuation of the external boundary of the beam is first reduced as k increases and then gradually increases; there exists an optimum value of k at which $\left|\Delta_e\right|_{max}$ is a minimum. The above calculations also show that in order to reduce the fluctuations of the electron beam in the systems of centrifugal focusing, it is advisable to employ periodic structures which are external to the beam. The author expresses

Card 8/11

Influence of the "Sag" ....

S/142/60/003/005/003/015
E192/E382

his gratitude to Docent G.M. Gershteyn, Professor V.I.Kalinin
and all the participants of the Radiophysical Seminar of the
Chair of Radiophysics of Saratov State University for their
advice and criticism of this work, and to student of
Saratov State University L.A. Traytel'man for help in some
of the calculations.
There are 7 figures and 7 references: 4 Soviet and
3 non-Soviet.   The two English-language references quoted
are: Ref. 2 - Z.S. Chernov, PIEE, 1958, B 105, No. 10, 594;
Ref. 3 - D.A. Watkins and G. Wada, PIRE, 1958, 46, No. 10.

ASSOCIATION: Kafedra radiofiziki Saratovskogo gos. universiteta
               im. N.G. Chernyshevskogo (Chair of Radiophysics
               of Saratov State University im. N.G. Chernyshevsky)

SUBMITTED: April 16, 1959 to the editor of NDVSh,
               May 9, 1960 to this journal.

Card 9/11

KALININ, V.I., prof., doktor fiziko-matem. nauk [deceased];
AKINDINOV, V.V.; GERSHTEYN, G.M.; DASHENKOV, V.M.; YEVSEYEV,
V.I.; IL'IN, V.S.; KOROSTELEV, G.N.; LUCHININ, V.D.; NAUMENKO,
Yu.P.;RYAZANOVA, T.P.; SEDIN, V.A.; TOLSTIKOV, V.A.; SHTYROV,
A.I.; AVILOV, B.I., red.; ZENIN, V.V., tekhn. red.

[Practical work in radio physics] Radiofizicheskii praktikum.
Izd.2., dop. i perer. Saratov, 1961. 277 p.   (MIRA 15:1)

1. Saratov. Universitet. 2. Kafedra radiofiziki Saratovskogo
universiteta im. N.G.Chernyshevskogo (for all except Avilov,
Zenin).
                              (Radio)

45034

S/109/63/008/001/015/025
D266/D308

AUTHOR: Korostelev, G. N.

TITLE: The effect of space charge on beam scalloping in
E-type tubes

PERIODICAL: Radiotekhnika i elektronika, v.8, no.1, 1963, 116-126

TEXT: The purpose of the paper is to derive analytical formulas
suitable for determining the optimum conditions for the electrosta-
tic focusing of helical beams of rectangular cross-section. The
coupling between the beam and the rf field is obtained through
slots which are either outside the electron beam or enclosed by it.
The motion of electrons is calculated on the basis of a two-dimen-
sional model for two alternative arrangements. Laplace's and Pois-
son's equations are solved in the particle-free region and for the
beam respectively, taking account of the potential variation due
to the longitudinal slots. Neglecting thermal velocities and the
effect of slots on the azimuthal motion of the electrons and as-
suming a laminar flow, the trajectory of the outer (inner) elec-

Card 1/3

The effect of space ...

S/109/63/008/001/015/025
D266/D308

tron does not appreciably differ from $r_o(r_a)$, the equation of motion can be written in the form of an inhomogeneous Mathieu equation. This is solved by varying the constant of the homogeneous solution and the regions of stability are determined. Scalloping depends on 3 parameters, k - characterizing the intrusion of electric field through the slots, h/s - depending on space charge, geometry and voltage difference between the electrodes, and $y = r_o/r_a$. In general, scalloping is smaller for smaller k and smaller y (both cases) whilst larger h/s is more favorable for the case of inner slots and smaller h/s for that of outer slots. The maximum permissible current is also calculated on the condition of no interception by the electrodes. The effect of rf fields and currents on the focusing is not included in the analysis, but the author notes that they might cause significant distortion on the beam. There are 7 figures.

ASSOCIATION: Saratovskiy gosudarstvennyy universitet im. N. G.
Chernyshevskogo, Kafedra radiodiziki (Saratov State

Card 2/3

KOROSTELEV, G. N.

Consideration of space charge in the calculation of the pulsa-
tions of the electron flow in E-type tubes. Radiotekh. i elek-
tron. 8 no.1:116-126 Ja '63.   (MIRA 16:1)

1. Saratovskiy gosudarstvennyy universitet im. N. G.
Chernyshevskogo, Kafedra radiofiziki.

(Microwave tubes)

S/0142/63/006/006/0710/0713

ACCESSION NR: AP4012369

AUTHOR: Korostelev, G. N..

TITLE: Limiting currents in a centrifugal-electrostatic focusing system

SOURCE: IVUZ. Radiotekhnika, v. 6, no. 6, 1963, 710-713

TOPIC TAGS: electron beam tube, centrifugal electrostatic focusing, electrostatic focusing system, centrifugal electrostatic focusing system, traveling wave tube, spiratron tube, electron beam focusing

ABSTRACT: The results obtained by the author previously (Radiotekh-nika i elektronika, 1963, v. 8, 1, 116) are extended to determine the limiting current in tubes with centrifugal electrostatic focus-ing in which a more efficient multiple interaction between the elec-tron beams and the microwave field of the waveguid structure is ob-tained by introducing the beam into the focusing system at a certain

Card 1/2

ACCESSION NR: AP4012369

angle relative to the beam cross section. The results are applica-
ble to tubes of the spiratron type, where the angle reaches 30--40°.
Other factors influencing the beam focusing are also discussed.
Orig. art. has: 2 figures, 1 formula, and 1 table.

ASSOCIATION: Kafredra radiofiziki Saratvskogo gos. universiteta
im. N. G. Cherny'shevskogo (Department of Radiophysics, Saratov
State University)

SUBMITTED: 14Jan63   DATE ACQ: 14Feb64   ENCL: 00

SUB CODE: GE, SD   NO REF SOV: 004   OTHER: 001

Card 2/2

L 56041-65   EWT(1)/EPA(w)-2/EEC(t)/EWA(m)-2/EWA(h)   Pz-6/Peb/Pi-4   IJP(c)   AT
ACCESSION NR: AP5011957   UR/0142/65/008/001/0199/0103
                                           621.385.69   26
                                                                         8
AUTHOR: Korostelev, G. N.

TITLE: Allowance for the thermal velocities of electrons under static conditions
of centrifugal-electrostatic focusing

SOURCE: IVUZ. Radiotekhnika, v. 8, no. 1, 1965, 99-103

TOPIC TAGS: centrifugal electrostatic focusing, electron focusing, shf device

ABSTRACT: It is theoretically proven that, while the effect of the thermal
velocities of electrons on the constant electron speed in a shf device is negligible,
the effect of the transverse components of the thermal velocities upon the radial
movements of electrons can be considerable; the radial displacements determine
the pulsation of the electron stream in centrifugal-electrostatic focusing devices.
It is shown that conditions are possible when the thermal velocities may change the
pulsation parameter by as much as 30%. The derived formulas are intended for

Card 1/2

L 56641-65
ACCESSION NR: AP5011957   O

estimating the effect of thermal velocities on the pulsation and on the maximum currents of centrifugal-electrostatic focusing systems. The effect becomes appreciable when $V_{ph} < 500$ v; the introduction of corrections in this range is recommended. Orig. art. has: 3 figures and 18 formulas.

ASSOCIATION: none

SUBMITTED: 20Apr64   ENCL: 00   SUB CODE: EC

NO REF SOV: 008   OTHER: 000

Card 2/2

L 31917-66   EWT(1)   IJP(c)   AT

ACC NR: AP6010720   SOURCE CODE: UR/0142/66/009/001/0034/0041

AUTHOR: Korosteley, G. N.

ORG: none

52
B

TITLE: Electron-beam pulsation in systems with centrifugal electrostatic focusing and helical r-f electrodes

SOURCE: IVUZ. Radiotekhnika, v. 9, no. 1, 1966, 34-41

TOPIC TAGS: spiratron, electron beam, SHF tube, SPACE CHARGE, ELECTRON, FLOW RATE

ABSTRACT: The pulsation of finite-cross-section electron beams in spiratrous is theoretically investigated; allowances are made for the space charge, thermal velocities of electrons, and static-potential inhomogeneities due to helix slot. A differential equation is set up which describes the outer and inner boundaries of the beam. Solution of this differential equation yields formulas for the pulsation

Card 1/2   UDC: 621.385.3032.264

L. 32211-66   EWT(1)   IJP(c)   AT

ACC NR: AP6010735   SOURCE CODE: UR/0142/66/009/001/0134/0136

AUTHOR: Korostelev, G. N.

ORG: none

TITLE: Space-charge-density waves in E-type devices

SOURCE: IVUZ. Radiotekhnika, v. 9, no. 1, 1966, 134-136

TOPIC TAGS: electron tube, E-type tube, space charge, ELECTRON BEAM,
RF FIELD, ELECTRON MOTION, WAVE PROPAGATION

ABSTRACT: The behavior of azimuth propagation constants of space-charge
waves in an E-type tube is theoretically studied. A strictly cylindrical system
with a single-transit electron beam is considered (cf. W. M. Nunn, J. El. and
Control, 1963, v. 15, no. 3, 201). The disturbed quantities have this relation
with the time and azimuth: $e^{j(\omega t - \Gamma \varphi)}$. Combining the formulas for r-f fields of the
space charge for the case of a very thin beam (R. H. Pantell, IRE Trans., 7-ED,

Card 1/2   UDC: 621.385.63.01

KIZUB, F.; SHCHEKUTEV, Ya.; REPICHEV, A.; KOROSTELEV, I.; MARTYNENKO, P.
TARANIK, F.; TYRINOV, P.; POPOVKIN, N.

Hidden potentialities for the economy of working time. Den. i
kred. 19 no.3:50-62 Mr '61.   (MIRA 14:3)

1. Zamestitel' glavnogo bukhgaltera Ukrainskoy respublikanskoy
kontory Gosbanka (for Kizub). 2. Glavnyy bukhgalter Ryazanskoy
oblastnoy kontory Gosbanak (for Shchekutev). 3. Glavnyy bukhgalter
Starorusskogo otdeleniya Gosbanka Novgorodskoy oblasti (for
Repichev). 4. Glavnyy bukhgalter Gul'kevichskogo otdeleniya Gos-
banka Krasnodarskogo kraya (for Korostelev). 5. Zamestitel'
glavnogo bukhgaltera Krasnoyarskoy krayevoy kontory Gosbanka (for
Martynenko). 6. Glavnyy bukhgalter Pereyaslav-Khmel'nitskogo
otdeleniya Gosbanka Kiyevskoy oblasti (for Taranik). 7. Glavnyy
bukhgalter Tonshayevskogo otdeleniya Gosbanka Gor'kovskoy oblasti
(for Tyrinov). 8. Glavnyy bukhgalter Novo-Ukrainskogo otdeleniya
Gosbanka Kirovogradskoy oblasti.
                    (Banks and banking—Accounting)
                    (Machine accounting)

L 32568-66   EWT(m)/T   DJ/WE

ACC NR: AP5023389   (A)   SOURCE CODE: UR/0317/65/000/005/0074/0075

AUTHOR: Korostelev, I. (Lieutenant Colonel)

ORG: none

TITLE: Removal from storage of engineer vehicles

SOURCE: Tekhnika i vooruzheniye, no. 5, 1965, 74-75

TOPIC TAGS: equipment storage technique, storage battery, motor vehicle

ABSTRACT: An exercise in restoring vehicles to combat readiness after long storage at low temperatures showed that the restoration of vehicles to combat readiness is about 20-25 times faster than the preparation of same for storage. It also showed that the installation of storage batteries, filling up with antifreeze, starting and warming-up of engines, and checking of instruments takes about half as long as as the preparation of the storage batteries. The results of this exercise lead to the conclusion that 1) special buildings for storing and charging storage batteries, and for electrolyte, antifreeze, solvent, and wiper stock be erected near the parking space of maintenance units in charge of long storage of large numbers of vehicles,

Card 1/2

Card 2/2

KOROSTELEV, I.Ya.

Effect of light conditions in fall on the heading of winter wheat.
Agrobiologiia no. 3:60-64 My-Je '58.   (MIRA 11:7)

1. Sel'skokhozyaystvennyy institut, g. Khar'kov.
                    (Wheat)
              (Plants, Effect of light on)

KOROSTELEV, L. V., Eng.

Gearing, Bevel

Cutting straight-toothed conical gears. Vest. mash., 32, No. 5, 1952.

9. Monthly List of Russian Accessions, Library of Congress, _October_ 195$\not$, Uncl.

KOROSTELEV, L.V., aspirant.

Undercutting straight-bevel gear teeth. Issl. v obl.
metalloresh.stan. no.3:62-87 '55.   (MIRA 10:2)

(Gear cutting)

KOROSTELEV, L.V., aspirant.

Approximation method of plotting logarithmic spirals.
Issl. v obl. metalloresh.stan. no.3:209-213 '55.   (MLRA 10:2)

(Machinery--Tables, calculations, etc.)
(Curves, Logarithmic)

KOROSTELEV, L.V., dotsent, kand.tekhn.nauk

Machine tool for machining cams for semiautomatic form
milling machines. Izv.vys.ucheb.zav.; mashinostr. no.2:
136-138 '59.   (MIRA 13:3)

1. Moskovskiy stankoinstrumental'nyy institut.
              (Milling machines)

KOROSTELEV, L.V.,

Approximate determination of the motion of a machine tool having an asynchronous motor and the selection of a flywheel for it. Trudy Inst. mash. Sem. po teor. mash. 19 no.76:56-62 '59.

(MIRA 13:3)

(Machine tools--Electric driving)

KOROSTELEV, L.V., kand. tekhn. nauk, do sent

Curvature of mutually enveloping surfaces in bevel engagements.
Izv. vys. ucheb. zav.; mashinostr. no.11:1 22 '63.

(MIRA 17:10)

1. Moskovskiy stanko nstrumental'nyy institut.

KOROSTELEV, L.V.

Curvature of tooth surfaces in three-dimensional engagements. Teor.
mash. i mekh. no.98/99:151-163 '64.   (MIRA 17:9)

KOROSTELEV, L.V., kand. tekhn. nauk, dotsent

Involute helical transmission with linear tooth contact. Izv.
vys. ucheb. zav.; mashinostr. no.6:5-17 '64.

(MIRA 17:12)

1. Moskovskiy stankoinstrumental'nyy institut.

KOROSTELEV, L.V., kand. tekhn. nauk, dotsent

Kinematic indices of the carrying capacity of three-dimensional engagements. Izv . vys. ucheb. zav.; mashinost. no.10:
5-15 '64   (MIRA 18:1)

1. Moskovskiy stankoinstrumental'nyy institut.

KOROSTELEV, L.V., kand. tekhn. nauk, dotsent

Curvature of helical surfaces. Izv. vys. ucheb. zav.;
mashinostr. no.7:17-21 '65.   (MIRA 18:12)

1. Submitted November 19, 1964.

KOROSTELEV, N.

Beetle in a cage. Nauka i zhizn' 30 no.1:96-97 Ja '63.
(MIRA 16:4)

(Insects)

KOROSTELEV, Nikolay

Thief in the night. Zdorov'e 8 no.2:28-29 F '62.   (MIRA 15:4)
                        (BED BUGS)

KOROSTELEV, N., vrach

Be careful!   IUn.tekh. 7 no.11:42-43 N '62.   (MIRA 15:12)
(ORNITHOSIS)

ZINGER, M.Ye., kand.med.nauk; KOROSTELEV, N.B. (selo Armash Vedinskogo
rayona Armyanskoy SSR)

Rural museums for health education. Zdorov'e 6 no.2:11 F '60.
(MIRA 13:5)
(ARMASH (VEDI DISTRICT)--HEALTH EDUCATION)

KOROSTELEV, N.B. (Moskva)

Some problems of organization and methodology in carrying on
an educational antialcohol campaign. Zdrav.Ros.Feder. 3 no.6:
31-34 Je '59.   (MIRA 12:6)
          (ALCOHOLISM)   (HEALTH EDUCATION)

KOROSTELEV, N.B. (Moskva)

Health education work of the nurse in the school. Med.sestra 19 no.11:
12-17 N '60.   (MIRA 13:11)
        (HEALTH EDUCATION)

KOROSTELEV, N.B.

Work on the conservation of nature in a Pioneer camp. Biol. v shkole
no.3:48-49 My-Je '62.
(MIRA 15:7)

1. TSentral'nyy nauchno-issledovatel'skiy institut sanitarnogo
prosveshcheniya, Moskva.
(Conservation of natural resources) (Pioneers (Communist youth))

KOROSTELEV, N.B., vrach

Travels of the fly. Zdorov'e 2 no.6:12 Je '56.   (MLRA 9:8)
(FLIES--EXTERMINATION)

KOROSTELEV, N.B.

Cockroaches. Zdorov'e 3 no.4:22-23 Ap '57   (MLRA 10:5)
     (COCKROACHES)

KOROSTELEV, N.B., vrach

Exterminate flies. Zdorov'e 4 no.12:29 D '58   (MIRA 11:12)

(FLIES—EXTERMINATION)

KOROSTELEV, Nikolay

An old but not a good friend. Zdorov'e 5 no.5:27-28 My '59.
(MIRA 12:11)
(FLIES)

KOROSTELEV, N.B.

       Unusual jumper. Zdorov'e 5 no.12:27 D '59.   (MIRA 13:4)
                   (FIRAS)

KOROSTELEV, Nikolay Borisovich; NEYMAN, Mikhail Isaakovich; BOYANOVSKIY, S.Ye., red.; ROMANOVA, Z.A., tekhn.red.

[Mass movement for the promotion of sanitary culture] Massovoe dvizhenie za sanitarnuiu kul'turu. Moskva, Gos.izd-vo med.lit-ry Medgiz, 1960. 39 p.   (MIRA 13:9)
                     (Sanitation)

TRAKHTMAN, Yakov Naumovich; KOROSTELEV, N.B., red.; LYUDKOVSKAYA, N.I.,
        tekhn.red.

[Extracurricular and extrascholastic work on health education;
work outline of the Health Education House of the Bauman
District in Moscow] Vneklassnaia i vneshkol'naia sanitarno-
prosvetitel'naia rabota; ocherki raboty Doma sanitarnogo
prosveshcheniia Baumanskogo raiona g. Moskvy. Moskva, Gos.
izd-vo med.lit-ry Medgiz, 1960. 150 p.   (MIRA 14:2)
                    (HEALTH--EDUCATION)

KOROSTELEV, Nikolay Borisovich; LAGOVSKAYA, Ye.A., red.; KUZ'MINA, N.S., tekhn. red.

[Incident on a livestock farm] Sluchai na ferme. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1961. 70 p.   (MIRA 14:7)
                    (Stock and stockbreeding)

KOROSTELEV, N.R.

Device for demonstration of pictures. Biol. v shkole no.6:80
N-D '61. (MIRA 14:11)

1. TSentral'nyy nauchno-issledovatel'skiy institut sanitarnogo
prosveshcheniya.
(Schools--Furniture, equipment, etc.)